



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/508,892

DATE: 09/29/2004
TIME: 16:13:10

Input Set : A:\LEA 35 944.ST25.txt
Output Set: N:\CRF4\09292004\J508892.raw

3 <110> APPLICANT: Golz, Stefan
 4 Bruggemeier, Ulf
 5 Weingartner, Bernhard
 7 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 8 Neuropeptide FF Receptor 1 (NPFF1)
 10 <130> FILE REFERENCE: Le A 35 944
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/508,892
 C--> 12 <141> CURRENT FILING DATE: 2004-09-22
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP03/02685
 13 <151> PRIOR FILING DATE: 2003-03-14
 15 <150> PRIOR APPLICATION NUMBER: EP 02006654.4
 16 <151> PRIOR FILING DATE: 2002-03-26
 18 <160> NUMBER OF SEQ ID NOS: 5
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 1293
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
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 32 cctgtggcgcc ccatgttcat tggcctat ggcgtcatct tcctgctctg catggtggcc 180
 34 aacaccctgg tctgttcat cgtgctcaag aaccggcaca tgcatactgt caccacatg 240
 36 ttcatcctca acctggctgt cagtgacctg ctggggca tcttcgtcat gccaccacc 300
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 48 tactcctgtt gggaggcctg gcccggaaag ggcatcgca gggctcacac cactgtgtc 660
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 52 cgcaagctt gccaggcccc gggccggcc cccggggcg aggaggctc ggaccggcga 780
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 60 aacagcagcg ccaacccat catctacggc tacttcaacg agaacttccg cgcggcttc 1020
 62 caggccgcct tccgcggccg cctctgcccc cggccgtcg ggagccacaa ggaggcctac 1080
 64 tccgagcgcc cggcgccgt tctgcacagg cgggtcttcg tgggtggcg gcccagcgac 1140
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 73 <210> SEQ ID NO: 2
 74 <211> LENGTH: 430

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75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
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85           20           25           30
88 Ser Ser Tyr Tyr Gln His Thr Ser Pro Val Ala Ala Met Phe Ile Val
89           35           40           45
92 Ala Tyr Ala Leu Ile Phe Leu Leu Cys Met Val Gly Asn Thr Leu Val
93           50           55           60
96 Cys Phe Ile Val Leu Lys Asn Arg His Met His Thr Val Thr Asn Met
97 65           70           75           80
100 Phe Ile Leu Asn Leu Ala Val Ser Asp Leu Leu Val Gly Ile Phe Cys
101           85           90           95
104 Met Pro Thr Thr Leu Val Asp Asn Leu Ile Thr Gly Trp Pro Phe Asp
105           100          105          110
108 Asn Ala Thr Cys Lys Met Ser Gly Leu Val Gln Gly Met Ser Val Ser
109           115          120          125
112 Ala Ser Val Phe Thr Leu Val Ala Ile Ala Val Glu Arg Phe Arg Cys
113           130          135          140
116 Ile Val His Pro Phe Arg Glu Lys Leu Thr Leu Arg Lys Ala Leu Val
117 145           150          155          160
120 Thr Ile Ala Val Ile Trp Ala Leu Ala Leu Ile Met Cys Pro Ser
121           165          170          175
124 Ala Val Thr Leu Thr Val Thr Arg Glu Glu His His Phe Met Val Asp
125           180          185          190
128 Ala Arg Asn Arg Ser Tyr Pro Leu Tyr Ser Cys Trp Glu Ala Trp Pro
129           195          200          205
132 Glu Lys Gly Met Arg Arg Val Tyr Thr Val Leu Phe Ser His Ile
133           210          215          220
136 Tyr Leu Ala Pro Leu Ala Leu Ile Val Val Met Tyr Ala Arg Ile Ala
137 225           230          235          240
140 Arg Lys Leu Cys Gln Ala Pro Gly Pro Ala Pro Gly Gly Glu Glu Ala
141           245          250          255
144 Ala Asp Pro Arg Ala Ser Arg Arg Arg Ala Arg Val Val His Met Leu
145           260          265          270
148 Val Met Val Ala Leu Phe Phe Thr Leu Ser Trp Leu Pro Leu Trp Ala
149           275          280          285
152 Leu Leu Leu Ile Asp Tyr Gly Gln Leu Ser Ala Pro Gln Leu His
153           290          295          300
156 Leu Val Thr Val Tyr Ala Phe Pro Phe Ala His Trp Leu Ala Phe Phe
157 305           310          315          320
160 Asn Ser Ser Ala Asn Pro Ile Ile Tyr Gly Tyr Phe Asn Glu Asn Phe
161           325          330          335
164 Arg Arg Gly Phe Gln Ala Ala Phe Arg Ala Arg Leu Cys Pro Arg Pro
165           340          345          350
168 Ser Gly Ser His Lys Glu Ala Tyr Ser Glu Arg Pro Gly Gly Leu Leu
169           355          360          365

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172 His Arg Arg Val Phe Val Val Val Arg Pro Ser Asp Ser Gly Leu Pro
173 370 375 380
176 Ser Glu Ser Gly Pro Ser Ser Gly Ala Pro Arg Pro Gly Arg Leu Pro
177 385 390 395 400
180 Leu Arg Asn Gly Arg Val Ala His His Gly Leu Pro Arg Glu Gly Pro
181 405 410 415
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190 <212> TYPE: DNA
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207 <211> LENGTH: 19
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209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 5
212 gcgcataggc cacaatgaa 19

VERIFICATION SUMMARY

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Input Set : A:\LEA 35 944.ST25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date